

CLAIMS

What is claimed is:

1. A method of sorting geo-spatial dependent data using a client wireless component (CWC), said method comprising:
 - determining a location of said CWC;
 - accessing a document database whose datum have a location identifiers; and
 - sorting said document database in a location-dependent order based on a distance between said location of said CWC and said location identifiers associated with said datum in said document database.
2. The method in claim 1, wherein said determining of said location of said CWC includes providing a global position satellite (GPS)-type CWC and tracking location of said GPS-type CWC using global positioning satellites.
3. The method in claim 1, wherein said determining of said location of said CWC includes accessing an area code of a local wireless cellular network.

1 4. The method in claim 1, wherein said determining of said location of said CWC includes
2 explicit entry of location data.

1 5. The method in claim 1, further comprising storing said location into said CWC by
2 inputting said location in a location tracking database that stores both said location and
3 timestamp.

1 6. The method in claim 1, further comprises editing said location identifiers to correspond to
2 actual geo-spatial locations.

1 7. The method in claim 1, comprising assigning said location identifier based on
2 information other than geo-spatial location.

1 8. The method in claim 1, wherein said sorting comprises calculating a distance between
2 said location and said location identifiers and ordering said datum by said distance, beginning
3 with a smallest distance.

1 9. The method in claim 1, wherein the sorting of said document database in a
2 location-dependent order by calculating the distance between current location and said location
3 identifiers associated with said datum in said document database is by logical dimension.

1 10. A method of sorting geo-spatial dependent data using a global position satellite
2 (GPS)-type client wireless component (CWC), said method comprising:
3 determining location of said CWC;
4 accessing a document database whose datum have a location identifiers; and
6 sorting said document database in a location-dependent order based on a distance
7 between said location of said CWC and said location identifiers associated with said datum in
8 said document database.

1 11. The method in claim 10, wherein said determining said location of said CWC includes
2 automatic determination by a global position satellite network.

1 12. The method in claim 10, wherein said determining of said location is by inputting a
2 particular location into the CWC.

1 13. The method in claim 10, further comprising storing said location into said CWC by
2 inputting said location in a location tracking database that stores both said location and
3 timestamp.

1 14. The method in claim 10, further comprising editing said location identifier to correspond
2 to geo-spatial location by the GPS-CWC .

1 15. The method in claim 10, further comprising assigning said location identifier based on
2 information other than geo-spatial location.

1 16. The method in claim 10, wherein said sorting comprises calculating a distance between
2 said location and said location identifiers and ordering said datum by said distance, beginning
3 with a smallest distance.

1 17. The method in claim 10, wherein said sorting of said document database in a
2 location-dependent order by calculating the distance between current location and said location
3 identifiers associated with said datum in said document database is by logical dimension based
4 upon user preference.

1 18. A system for sorting location dependent data, the system comprising:
2 a client wireless component (CWC), the CWC having:

3 a location tracker operatively configured with a location tracking database;

4 a document database operatively configured with an editor, a presenter and a recorder,

5 said presenter operatively configured with said location tracking database;

6 whereby location dependent data used by said CWC is sorted by calculating a distance
7 between a user's location and location identifiers associated with datum in said document
8 database.

1 19. The system in claim 18, wherein said editor and said recorder comprise editing
2 components that modify said location tracking database.

1 20. The system in claim 18, wherein said presenter retrieves documents from said document
2 database, and sorts them in location-dependent order for presentation by calculating said distance
3 between current location from said location tracking database and location information
4 associated with each document in said document database.

1 21. The system in claim 18, wherein said CWC further includes global positioning satellite
2 (GPS) position components and distance determination for sorting said document database is
3 determined by a signal from a GPS network.

1 22. The system in claim 18, wherein said CWC includes position determining components for
2 sorting said document database, said positioning determining components determine location of
3 said CWC by accessing area code of a local wireless cellular network.

1 23. A program storage device readable by machine, tangibly embodying a program of
2 instructions executable by said machine to perform a method for sorting location dependent data
3 using a client wireless component, said method comprising:
4 determining a location of said CWC;
5 accessing a document database whose datum have a location identifiers; and
6 sorting said document database in a location-dependent order based on distance between said
7 location of said CWC and said location identifiers associated with said datum in said document
8 database.

1 24. The program storage device in claim 13, wherein said editing of said document database
2 further includes capability of editing said location identifier associated with said datum
3 determined by actual geo-spatial location.

1 25. The program storage device in claim 13, wherein the method further said editing of said
2 document database further includes capability of editing said location identifier associated with
3 said datum determined by non-actual geo-spatial location.